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**POWER OF ATTORNEY
AND
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	Please see attached Exhibit A
Filing Date	
First Named Inventor	
Title	
Art Unit	
Examiner Name	
Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

24227

OR☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:**OR**☐ The address associated with Customer Number:**OR**
☐ Firm or
Individual Name
Address

City

State

Zip

Country

Telephone

Email

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature	<i>Krishnendu Gupta</i>	Date	5-13-2003
Name	Krishnendu Gupta	Telephone	508-293-6654
Title and Company	Vice President and Assistant General Counsel		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: EMC CorporationApplication No./Patent No. See Attached Exhibit A Filed/Issue Date: _____

Entitled: _____

(Name of Assignee) EMC Corporation a corporation
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
(The extent (by percentage) of its ownership is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel See Attached Exhibit A, Frame See Attached Exhibit A, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Krishnendu Gupta
Signature

3-12-2008
Date

Krishnendu Gupta
Printed or Typed Name

508-293-6654
Telephone Number

Vice President and Assistant General Counsel
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket Number	Application Number	File Date	Pat No.	Assignment To	Assignment Date	Reel	Frame
EMC-00-066	09/895,466	29-Jun-01		EMC Corporation	22-Oct-01	012455	0042
EMC-00-066CON1	11/273,279	14-Nov-05		EMC Corporation	20-Jul-07	019596	0313
EMC-01-141CIP1	10/608,636	27-Jun-03		EMC Corporation	27-Jun-03	014267	0876
EMC-01-141CIP2	10/608,757	27-Jun-03		EMC Corporation	27-Jun-03	014253	0877
EMC-01-201	10/017,304	11-Dec-01		EMC Corporation	11-Dec-01	012390	0236
EMC-02-132	10/259,011	27-Sep-02		EMC Corporation	27-Sep-02	013351	0981
EMC-02-132CIP1	10/796,965	25-Feb-04		EMC Corporation	11-Aug-04	015725	0819
EMC-02-141	10/259,010	27-Sep-02		EMC Corporation	27-Sep-02	013349	0912
EMC-02-141(CIP1)CIP2	10/917,753	13-Aug-04		EMC Corporation	26-Nov-04	016028	0342
EMC-02-141(CIP1)CIP2	10/917,753	13-Aug-04		EMC Corporation	21-Sep-05	017009	0164
EMC-02-141CIP1	10/796,644	25-Feb-04		EMC Corporation	11-Aug-04	015672	0381
EMC-02-179	10/335,650	31-Dec-02		EMC Corporation	15-May-03	013657	0798
EMC-02-179CIP1	11/081,177	16-Mar-05		EMC Corporation	20-May-05	016585	0821
EMC-02-187	10/335,349	31-Dec-02		EMC Corporation	25-Apr-03	013604	0064
EMC-02-188	10/335,509	31-Dec-02		EMC Corporation	21-Apr-03	013971	0874
EMC-03-079CIP1	11/240,164	30-Sep-05		EMC Corporation	09-Jul-07	019548	0474
EMC-03-079CIP2	11/241,338	30-Sep-05		EMC Corporation	27-Feb-07	018971	0771
EMC-03-079CIP2	11/241,338	30-Sep-05		EMC Corporation	22-Oct-07	020050	0353
EMC-03-079DIV1	11/244,978	06-Oct-05		EMC Corporation	23-Oct-07	020017	0377
EMC-03-079DIV1	11/244,978	06-Oct-05		EMC Corporation	23-Oct-07	020017	0364
EMC-03-081	10/632,371	29-Aug-03		EMC Corporation	20-Jan-04	014904	0944
EMC-03-100	10/673,664	29-Sep-03		EMC Corporation	09-Feb-04	014962	0667
EMC-03-100CIP2	10/679,726	06-Oct-03		EMC Corporation	29-Feb-04	014967	0018
EMC-04-095	10/877,647	25-Jun-04		EMC Corporation	25-Oct-04	015954	0986
EMC-04-095CIP1	10/953,639	29-Sep-04		EMC Corporation	13-Jan-05	016154	0465
EMC-04-095CIP2	10/953,541	29-Sep-04		EMC Corporation	13-Jan-05	016154	0484
EMC-04-205	10/955,351	30-Sep-04		EMC Corporation	30-Sep-04	015857	0422
EMC-04-206	10/955,362	30-Sep-04		EMC Corporation	30-Sep-04	015857	0396
EMC-05-039	11/093,632	30-Mar-05		EMC Corporation	30-Mar-05	016475	0945
EMC-05-073	11/094,112	30-Mar-05		EMC Corporation	30-Mar-05	016445	0888

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EMC-05-095(PRO)ORD	11/052.395	07-Feb-05		EMC Corporation	07-Feb-05	016257	0825
EMC-05-095(PRO)	60/544.526	13-Feb-04		EMC Corporation	05-Aug-05	016858	0205
EMC-05-096(PRO)ORD	10/124.881	18-Apr-02		EMC Corporation	18-Mar-05	015918	0565
EMC-05-097(PRO)ORD1	11/077.933	11-Mar-05		EMC Corporation	29-Apr-05	016503	0315
EMC-05-097(PRO)ORD2	11/077.932	11-Mar-05		EMC Corporation	29-Apr-05	016503	0277
EMC-05-097(PRO)	60/552.559	12-Mar-04		EMC Corporation	18-Mar-05	015918	0565
EMC-05-098(PRO)ORD/CIP1	11/176.982	08-Jul-05		EMC Corporation	02-Sep-05	016941	0332
EMC-05-098(PRO)ORD1/CIP4	11/527.982	27-Sep-06		EMC Corporation	02-Apr-07	019120	0409
EMC-05-098(PRO)ORD1/CIP5	11/646.946	28-Dec-06		EMC Corporation	25-May-07	019367	0129
EMC-05-098(PRO)ORD	10/813.842	31-Mar-04		EMC Corporation	18-Mar-05	015918	0565
EMC-05-098(PRO)ORD1/CIP3	11/325.108	03-Jan-06		EMC Corporation	08-May-06	017864	0758
EMC-05-100(PRO)ORD1	10/950.150	24-Sep-04		EMC Corporation	18-Mar-05	015918	0565
EMC-05-100(PRO)ORD2	10/949.589	24-Sep-04		EMC Corporation	18-Mar-05	015918	0565
EMC-05-100(PRO)ORD3	10/949.415	24-Sep-04		EMC Corporation	18-Mar-05	015918	0565
EMC-05-110(PRO)ORD	11/054.578	09-Feb-05		EMC Corporation	03-Mar-05	016331	0111
EMC-05-110(PRO)	60/543.196	10-Feb-04		EMC Corporation	18-Mar-05	015918	0565
EMC-05-135	11/006.472	07-Dec-04		EMC Corporation	17-Jun-05	016708	0871
EMC-05-137(CON1)	11/803.607	15-May-07		EMC Corporation	15-May-07	019371	0398
EMC-05-138	11/124.875	09-May-05		EMC Corporation	05-Jul-05	016729	0862
EMC-05-139(PRO)ORD1/CIP1	11/395.456	31-Mar-06		EMC Corporation	21-Jul-06	018069	0090
EMC-05-139(PRO)ORD1	11/211.294	25-Aug-05		EMC Corporation	09-Jan-06	017438	0178
EMC-05-139(PRO)ORD2	11/211.250	25-Aug-05		EMC Corporation	09-Jan-06	017438	0073
EMC-05-139(PRO)	60/604.325	25-Aug-04		EMC Corporation	18-Mar-05	015918	0565
EMC-05-140(PRO)ORD	11/054.577	09-Feb-05		EMC Corporation	01-Mar-05	016330	0158
EMC-05-140(PRO)	60/604.330	25-Aug-04		EMC Corporation	18-Mar-05	015918	0565
EMC-05-141	10/962.031	08-Oct-04		EMC Corporation	05-Aug-05	016858	0205
EMC-05-142	10/977.024	29-Oct-04		EMC Corporation	14-Mar-05	016358	0444
EMC-05-142	10/977.024	29-Oct-04		EMC Corporation	18-Mar-05	015918	0565
EMC-05-143	11/171.906	30-Jun-05		EMC Corporation	30-Jun-05	016751	0401
EMC-05-143	11/171.906	30-Jun-05		EMC Corporation	05-Oct-05	017051	0968

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EMC-05-149	11/165,986	24-Jun-05		EMC Corporation	29-Aug-05	016927	0412
EMC-05-150	11/130,046	16-May-05		EMC Corporation	16-May-05	016572	0531
EMC-05-151	11/130,042	16-May-05		EMC Corporation	16-May-05	016574	0292
EMC-05-282	11/239,910	30-Sep-05		EMC Corporation	30-Sep-05	017061	0514
EMC-05-283	11/239,812	30-Sep-05		EMC Corporation	09-Nov-05	017192	0560
EMC-05-287	11/238,512	29-Sep-05		EMC Corporation	06-Sep-06	018259	0774
EMC-05-358	11/325,084	04-Jan-06		EMC Corporation	04-Jan-06	017417	0907
EMC-05-361	11/325,050	04-Jan-06		EMC Corporation	12-May-06	017885	0758
EMC-05-383	11/325,109	03-Jan-06		EMC Corporation	12-May-06	017883	0294
EMC-05-387	11/390,879	28-Mar-06		EMC Corporation	04-May-07	019279	0152
EMC-05-412	11/394,666	31-Mar-06		EMC Corporation	21-Jul-06	018112	0711
EMC-06-075	11/382,303	09-May-06		EMC Corporation	09-May-06	017591	0018
EMC-06-086	11/394,701	31-Mar-06		EMC Corporation	19-Jun-06	017978	0553
EMC-06-087	11/395,429	31-Mar-06		EMC Corporation	19-Jun-06	017977	0414
EMC-06-154	11/475,774	27-Jun-06		EMC Corporation	16-Oct-06	018413	0850
EMC-06-159	11/476,957	28-Jun-06		EMC Corporation	28-Jun-06	018022	0777
EMC-06-159CIP1	11/906,565	03-Oct-07		EMC Corporation	17-Dec-07	020273	0466
EMC-06-160	11/477,292	29-Jun-06		EMC Corporation	24-Jul-06	018121	0871
EMC-06-167	11/382,929	09-May-06		EMC Corporation	09-May-06	017591	0634
EMC-06-247	11/475,775	27-Jun-06		EMC Corporation	16-Oct-06	018415	0246
EMC-06-269	11/525,499	22-Sep-06		EMC Corporation	22-Sep-06	018345	0928
EMC-06-298	11/537,073	29-Sep-06		EMC Corporation	29-Sep-06	018027	0466
EMC-06-298	11/537,073	29-Sep-06		EMC Corporation	09-Jul-07	019531	0569
EMC-06-336	11/536,978	26-Sep-06		EMC Corporation	28-Sep-06	018348	0966
EMC-06-341	11/646,638	28-Dec-06		EMC Corporation	04-Jun-07	019408	0145
EMC-06-429	11/731,696	29-Mar-07		EMC Corporation	22-May-07	019355	0028
EMC-06-429	11/731,696	29-Mar-07		EMC Corporation	16-Jul-07	019594	0231
EMC-06-454	11/638,125	13-Dec-06		EMC Corporation	12-Feb-07	018918	0045
EMC-07-008	11/726,326	21-Mar-07		EMC Corporation	21-Mar-07	019125	0212
EMC-07-024	11/725,882	20-Mar-07		EMC Corporation	20-Mar-07	019125	0197

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Docket Number	Application Number	File Date	Pat No.	Assignment To	Assignment Date	Reel	Frame
EMC-07-048	11/823,930	29-Jun-07		EMC Corporation	28-Sep-07	019918	0476
EMC-07-049	11/824,238	29-Jun-07		EMC Corporation	29-Oct-07	020053	0017
EMC-07-064	11/732,664	04-Apr-07		EMC Corporation	11-May-07	019306	0383
EMC-07-112	11/821,008	21-Jun-07		EMC Corporation	21-Jun-07	019516	0932
EMC-07-297	11/985,610	17-Nov-07		EMC Corporation	20-Dec-07	020296	0146
EMC-98-014CIP1	10/113,168	29-Mar-02		EMC Corporation	19-Jun-02	013010	0128